

SUBSTITUTE SHEET (RULE 26)



				_				
	MOUSE-X1.DNA		10	- 4	О з	0 4	0 50	
	HUMAN-X1.DNA		ATGAGGCTTC	CTGGTTGGT	CTGGCTGAG	T TCTGCCGTC	TCGCTGCCTG	50
	"OLLE ALIDIA	•	. WIGHWGCIGG	CTAACTGGT	A CTGGCTGAG	C TCAGCTGTT	C TTGCCACTTA	50
	MOUSE-X1.DNA		60	7 70) <u>e</u>	n 6.		
	HUMAN-X1.DNA	J.	CCGAGCG	GTGGAGGAG	ACAACCTGA	C TGAGGGGCT	GAGGATGCCA	100
		5.	c contititio	GTTGTGGCA	A ACAATGAAA	C AGAGGAAAT	AAAGATGAAA	100
	MOUSE-X1.DNA		110	120	120	1 14	١	
	HUMAN-X1.DNA	101	GUGUCCAGGO	TGCCTGCCCC	GCGAGGCTG	AGGGCAGCG	GAGGTGCGAG	150
	AL.DIA	101	. UNGCAMMGGA	TGTCTGCCCA	GTGAGACTAC	AAAGCAGAGG	GAAATGCGAA	150
	MOUSE-X1.DNA		160	170	180	190	300	
	HUMAN-X1.DNA	151	GGGAGCC	AGTGCCCCTT	CCAGCTCACC	CTGCCCACGC	TGACCATCCA	200
1,000		151	GAGGCAGGGG	AGTGCCCCTA	CCAGGTAAGO	CTGCCCCCCT	TGACTATTCA	200
\Box	MOUSE-X1.DNA		210	220	230	240		200
100	HUMAN-X1.DNA	201	GCTCCCGCGG	CAGCTTGGCA	GCATGGAGGA	GGTGCTCAAA	CARCTCCCC	250
gul	HOMAN-XI.UNA	201	GCTCCCGAAG	CAATTCAGCA	GGATCGAGGA	GGTGTTCAAA	GAAGTCCAAA	250
7	MOUSE-X1.DNA		260	270	280	290	300	230
	HUMAN-X1.DNA	251	CCCTCAAGGA	AGCAGTGGAC	AGTCTGAAGA	AATCCTGCCA	CCACTCTARC	300
F	HOMAN-XI.DNA	251	ACCTCAAGGA	AATCGTAAAT	AGTCTAAAGA	AATCTTGCCA	AGACTGCAAG	300
التا التا	MOUSE-X1.DNA		310	320	330	340	350	300
		301	TTGCAGGCTG	ACGACCATCG	AGATCCCGGC	GGGAATGGAG	CC	350
9 1	HUMAN-X1.DNA	301	CTGCAGGCTG	ATGACAACGG	AGACCCAGGC	AGAAACGGAC	TGTTGTTACC	350
- made	MONICE VI AND		360	370	380	300	400	330
d.	MOUSE-X1.DNA	351	-AATGGA	GCAGAGA	CAGCCGAGGA	CAGTAGAGTC	CACCAACTIC	400
-6	HUMAN-X1.DNA	351	CAGTACAGGA	GCCCCGGGAG	AGGTTGGTGA	TAACAGAGTT	AGAGAATTAG	
J	MOTICE VI AVA		410	420	430	440	450	400
II.	MOUSE-X1.DNA	401	AGAGTCAGGT	GAACAAGCTG	TCCTCAGAGC	TGAAGAATCC	BBBCCBCCBC	450
D D	HUMAN-X1.DNA	401	AGAGTGAGGT	TAACAAGCTG	TCCTCTGAGC	TARAGRATEC	CAAAGAGGAG	
-Batter	MONICE WI THE		460	470	480	400		450
	MOUSE-X1.DNA	451	ATCCAGGGGC	TGCAGGGGCG	CCTGGAGACG	CTCCATCTCC	M111m1m1	500
	HUMAN-X1.DNA	451	ATCAATGTAC	TTCATGGTCG	CCTGGAGAAG	CTGAATCTTG	TARATATORA	500
	MONOR AND THE		210	520	530	540		500
	MOUSE-X1.DNA	501	CAACATTGAG	AACTACGTGG	ACAACAAAGT	CCCABARCES	1000000	
	HUMAN-X1.DNA	501	CAACATAGAA	AATTATGTTG	ACAGCAAAGT	GGCAAATCTA	ACCULTUTES	550
			200	570	580	500		550
	MOUSE-X1.DNA	551	TCAACAGTTT	GGATGGCAAG	TGTTCCAAGT	GTCCC3CCC3	600	
	HUMAN-X1.DNA	551	TCAATAGTTT	GGATGGCAAA	TGTTCAAAGT	GTCCCACCCA	AGAACACATG	600
			610	620	630			600
	MOUSE-X1.DNA	601	CAGTCACAGC			640	650	
	HUMAN-X1.DNA	601	CAGTCACGTC	CAG		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	650
					••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	650

<u>3/24</u>

	MOTICE_V2 Bus		1	-			50	
	MOUSE-X2.DNA		I TTCAACATC	r antatacaa	A GATTGTTCC	G ACCACTACG	CTACCAACC	50
	HUMAN-X2.DNA	:	TTCAACATC	AATATATAA	A GATTGCTCT	G ACTACTACGO	AATAGGCAAA	50
	VOUGE HE SHE		60	7 () 81	0 90	100	30
	MOUSE-X2.DNA	51	l agaagcagt(GGGCCTACA	AGTTACCCC	T GATCACAGA	ACACCACCOO	
	HUMAN-X2.DNA	51	AGAAGCAGT	AGACCTACAC	AGTTACACC	GATCCCAAA2	ATAGTAGCTT	100
			110	120) 13(140	350	100
	MOUSE-X2.DNA	101	TGAGGTCTAC	TGTGACATGG	AGACCATGG	TGGAGGCTGG	ACCOMCOMO	
	Human-x2.dna	101	TGAAGTTTAC	TGTGACATGG	AGACCATGG	GGGAGGCTGG	ACAGTGCTGC	150
			160	170	180	190	200	150
	MOUSE-X2.DNA	151	AGGCTCGCCT	TGATGGCAGC	ACCAACTTC	CCAGAGAGTG	CAAACACTAC	
	HUMAN-X2.DNA	151	AGGCACGTCT	CGATGGGAGC	ACCAACTTCA	CCAGAACATG	CCARCACIAC CONTRACTAC	200
			210	220	230	240	25.0	200
(100) (100)	MOUSE-X2.DNA	201	AAAGCCGGCT	TTGGAAACCT	TGAACGAGAA	TTTTGGTTGG	GCDDCCDDDD	
	HUMAN-X2.DNA	201	AAAGCAGGCT	TTGGAAACCT	CAGAAGGGAA	TTTTGGCTGG	GCAACGATAA	250
			260	270	280	290	300	250
	MOUSE-X2.DNA	251	AATTCATCTT	CTGACCAAGA	GTAAGGAAAT	GATTTTGAGA	300	
M	HUMAN-X2.DNA	251	AATTCATCTT	CTGACCAAGA	GTAAGGAAAT	GATTCTGAGA	ATAGATCTTG	300
e4			310	320	330	340	350	300
F	MOUSE-X2.DNA	301	AAGACTTTAA	TGGTCTCACA	CTTTATGCCT	TGTATCATCA	350	
	HUMAN-X2.DNA	301	AAGACTTTAA	TGGTGTCGAA	CTATATECCT	TGTATGATCA	CTTTTATGTG	350
قيتها			360	370	380	390		350
14	MOUSE-X2.DNA	351	GCTAATGAAT		CCGATTACAC	ATCGGTAACT	400	
====	HUMAN-X2.DNA	351	GCTAATGAGT	TTCTCAAATA	TCGTTTACAC	GTTGGTAACT	ACAATGGCAC	400
10:20			410	420	430	440		400
-th	MOUSE-X2.DNA	401	GGCAGGGGAT	GCCTTGCGTT	TCAGTCGACA	CTACAACCAT	450	
J	HUMAN-X2.DNA	401	AGCTGGAGAT	GCATTACGTT	TCAACAAACA	TTACAACCAC	GACCTGAGGT	450
Ū			460	470	480	490		450
Ō	MOUSE-X2.DNA	451	TTTTCACAAC		GACAACGATC	GGTACCCCTC	500	
1012	HUMAN-X2.DNA	451	TTTTCACCAC	TCCAGATAAA	GACAATGATC	GATATCCTTC	TGGGAACTGT	500
			510	520	530	540		500
	MOUSE-X2.DNA	501	GGGCTCTATT	ACAGCTCAGG	CTGGTGGTTT	GATTCATGTC	550	
	HUMAN-X2.DNA	501	GGGCTGTACT	ACAGTTCAGG	CTGGTGGTTT	GATGCATGTC	TOTOTGCCAA	550
			560	570	580	590		550
	MOUSE-X2. DNA	551	CTTAAATGGC	AAATATTACC	ACCAGAAATA	CAAAGGTGTC	600	
	HUMAN-X2.DNA	551	CTTAAATGGC	AAATATTATC	ACCAAAAATA	CAGAGGTGTC	CGTAATGGGA	600
			610	620	630	640		600
	MOUSE-X2.DNA	601	TTTTCTGGGG	CACCTGGCCT	GGTATAAACC	AGGCACAGCC	650	
	HUMAN-X2.DNA	601	TTTTCTGGGG	TACCTGGCCT	GGTGTAAGTG	AGGCACACCC	AGGTGGCTAC	650
			660	670	680	690		650
	MOUSE-X2.DNA	651	AAGTCCTCCT		CAAGATGATG	ATTAGGCCCA :	700	
	HUMAN-X2.DNA	651	AAGTCCTCCT	TCAAAGAGGC	TAAGATGATG	ATCAGACCCA A	AGAATTTCAA	700
			710	720	730	740		700
	MOUSE-X2.DNA	701	GCCATAA	• • • • • • • • •		740	750	
	HUMAN-X2.DNA		GCCATAA	• • • • • • • • •		• • • • • • • • • •	• • • • • • • • • •	750
						• • • • • • • • •	• • • • • • • • •	750

10	20	30			
ATCACTCTGT		AGGTATTCGT	40	50	60
70	80	90			TCCTTCAGCA
CTTTAGAATA		CATATTTTTC	100	110	120
130	140	150		AATGCCTTGT	TTCATATTTT
TCATAGCTAA	AAAATGATGT	CTGACGGCTA	160 GGTTCTTATG	170	180
190	200	210		CTACACAGCA	TTTGRARTAR
AGCTGAAAAA		TARAGGAGTC	220	230	240
250	260	270	CTITGTTGTT 280	ATGCTGTTAT	CCAATGAACA
CTTGCAAGCA	ATTAGCAATA		TACATTAGAT	290	300
310	320	330	340	TTACAATTCT	TTTAATTTCT
ATTGAAACTT	TTTCTATTGC	TTGTATTACT	TGCTGTATT	350	360
370	380	390		AAAAAATAAT	TGTTGGCTGG
GTGTGGTAGC	TCACGCCTGT		400 CTTTGGAATG	410	420
430	440	450	460	TCAAGGCAGG	CAGATCACTT
GAGGTCAGGA	GTTTGAGACC	AGCCTGGCCA		470	480
490	500	510	520	ACGCTGTNTN	TATTARARAT
ACAAAAATTA	GCCGGGCATG	GTGGNACATG	CCTGTAATCC	530	540
550	560	570	580	TAGNTACTTG	GGAGGCTGAG
GCAGGAGAAT	CGCTTGAACC	TGAGAGGAAG	AGGTTGCAGT	590	600
610	620	630	640	GAGCCAAGAA	TGAGCCACTG
CACTCCAGCA	TGGGTGACAG	AGAAAACTCT		650 AAAAATAAT	660
670	680	690	700		AAAATTTATT
Cagtaggntg	GATTCTACAC	AAAGTAATCT	GTATTTGGGC	710	720
730	740	750	760		GCACATCTGA
AGGTATATCA	CTCTTTTCAG	GCTATAATTA		770	780
- 790	800	810	820	CTTCATTCTG 830	AGACAAACTT
AATCTATATC	ATTTACTTTG	CAACAGAACA		ATTTTGGTTC	840
850	860	870	880	890	CCAGACTAAG
GGAACTAATA	TCTATATAAT	TAAACTTGTT	CATTTATCAT	TCATGAAATA	900
910	920	930	940	950	TAAAATI.CTT
GTCATTTAAA	CCGTTTAAAA	ATGTGGTAGC	ATAATGTCAC		960
970	980	990	1000	1010	ATTCAGAAAG
CAATGTAACT	GTGAAGACCA	GGGTTTARAG	GTAATTCATT		1020
1030	1040	1050	1060	1070	AACTCCTTAG
ATGTTTGATG	TTGAAAACTG	CTTTAACATG	λλ	2070	1080
					• • • • • • • • •

3'UTR of hfgl2. The A at position 1 corresponds to position 1354 on the cDNA.

<u>5/24</u>

	MOUSEPRO.AMI		10		•			
	HUMANPRO.AMI	1	PREPGALNES	SAVLAACR-A	Veehnlings	ERASTOAA	ARLEGS R YE	50
	HOPAMPRO.AMI	1	KANAYNIS	SAVLARYGEL	VANTENE	KIDERAKDV		50
			60	, , ,	80	90	100	50
	MOUSEPRO.AMI		-GSQ SI F E LT		LGSMEEVL	EVRTUKEAVO		100
	HUMAN PRO. AMI	51	EAGE	CEPLITIOLEK				100
			110	120	130			
	MOUSEPRO.AMI	101	LOADDHRDPG	GNGGN	GAETAELSRV		200	150
	HUMANPRO.AMI	101	LOADDNeDPG		APGEVGUNRV		-	150
			160		180			150
	MOUSEPRO.AMI	151	IQGEQ GRUET	LELVNMNNIE	NYVDNRVANL	200		
	HUMANPRO.AMI		INVEHERIDE		NYVDSKVANL			200
211			210	220	230	240	ESKCPSOEOI	200
4	MOUSEPRO.AMI	201)SCPVOHLIY	KDCSDHYVI.	RRSSGAYRVT		250	
i Euri Euri	HUMANPRO.AMI		DSRPVOHLIY	KDCSDYTAI	KRSSETYRVT	= ===	YCDMETMGGG	250
į.			260	270	280	PUPKNSSFEV	YCDMETMGGG	250
Ü	MOUSE PRO. AMI	251	NTVLOARLDG		YKAGEGNLER	290	300	
-	HUMANPRO.AMI		#TVLQARLDG			EFWLGNDK1H	LLTKSKEMIL	300
			310	320	YKAGFGNL RP	EFWLGNDKIH	LLTKSKEMIL	300
-	MOUSEPRO.AMI	301	RIDLEDENGL		330	340	· 350	
J.J	HUMANPRO.AMI		RIDLEDFNCV		VANEFLKYRL	HISNYNGTAG	DALRESTHYN	350
H		301	360		VANEFLKYRL	DATONYNOVE	DALRENKHYN	350
=4	MOUSEPRO.AMI	351		370	380	390	400	
=±	HUMANPRO.AMI					FUSCLSANLN	SKYYHOKYRE	400
-L		351				FUACLSANLN	SKYYHOKYRS	400
	MOUSEPRO.AMI	405 1	410	420	430	440	450	
Ü						ATERKNEKE.		450
	HUMANPRO.AMI	401	VRNGIFWGTW	PGVSEAHPGG	YKSSFK <mark>B</mark> AKM	MIRPRHEKE*		450
ı.Fi					· · · · · · · · · · · · · · · · · · ·			

<u>6/24</u>

			10	20) 30) 40	50	
	MOUSEPRO.AMI	1	MRLPGWLWLS	SAVLAACR-A	VEEHNLTEGI		ARLEGSGRCE	5
	HUMANPRO.AMI	1	MKLANWYWLS	SAVLATYGEL	VVANNETEEI	KDERAKDVCE	VRLESRGKCE	_
			60	70				5
	MOUSEPRO.AMI	51	-GSQCPFQLT	LPTLTIOLPR			STKKSCODCK	
	HUMANPRO.AMI	51	EAGECPYQVS	LPPLTIOLPK	OFSRIEEVER	EVONLKETVN	STKKSCODCK	10
			110	120				10
	MOUSEPRO.AMI	101	LQADDHRDPG	GNGGN			SSELKNAKDQ	
	HUMANPRO.AMI	101	LQADDNGDPG	RNGLLLPSTG	APGEVGDNRV	DETECTION	SSELKNAKEE	150
			160	170				150
	MOUSEPRO.AMI	151	IQGLOGRLET		200		200 CSKCPSQEHM	
	HUMANPRO.AMI	151	INVLHGRLEK	LNLVNMNNTE	NYVDSKVANL	TAAANSTINGK	CSKCPSQEHM	200
			210	220	230	240		200
and and	MOUSEPRO.AMI	201			RRSSGAYRVT		250	
	HUMANPRO.AMI	201	OSRPVOHLTY	KDCSDITTIG	KRSSETYRVT	PDDIMISSIEV	YCDMETMGGG	250
Error Jepsey			260	270	280			250
	MOUSEPRO.AMI	251			YKAGFGNLER	290	300	
ार्केस्टर संस्था	HUMANPRO.AMI	251	WTVLOARIDG	SINCIREMED	INAGEGNLER	EFWLGNDKIH	LLTKSKEMIL	300
			310	320	YKAGFGNLRR			300
-L	MOUSEPRO.AMI	301			330	340	350	
E	HUMANPRO.AMI	301	PIDIEDENGL	TLIALIDOFY	VANEFLKYRL	HIGNYNGTAG	DALRESRHYN	350
1.1		301	360		VANEFLKYRL		DALRFNKHYN	350
fil	MOUSEPRO.AMI	251		370	380	390	400	
me.	HUMANPRO.AMI	251	HOLKETTED	RUNDRYPSGN	CGLYYSSGWW	FDSCLSANLN	GKYYHQKYKG	400
endi:		221	HOTKLELLED		CGLYYSSGWW	FDACLSANLN	GKYYHQKYRG	400
	MOUSEPRO.AMI	401	410	420	430	440	450	
	HUMANPRO.AMI	401	VKNGIFWGTW	PGINQAQPGG	YKSSFKQAKM	MIRPKNFKP*	• • • • • • • • • •	450
7	HOLESTIE NO. MILL	401	VKNG1 FWGTW	PGVSEAHPGG	YKSSFKEAKM	MIRPKHFKP*	• • • • • • • • • •	450

7/24

7	60	50	40			1000m	1
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28	270	260	250	240			KDC.
e ponte			TMGGGWTVL	VU931 FAICDI		DYYNIGKRSS	HELIX b
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35	340	330	320	310	300	290	
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_ IIII	ccc						COIL
	CCC						
					370	360	
	410	400	390	380			
	410	400 HOKYPOWN	390 Sanlhgkyy	380 Yyssgwyddao		KFETTPDKDND	HUL.
42 SEAHPG	i ingimpgvs	400 Hokyrgyrn	Sanlhgryy	YYS SGWWFDA(
	ifnginpgvs hhhi	Hokyrgvrh	Sanlhgryy h	YYSSGWWFDA(hhhhi	DRYPSGNCGI	SSSs.	SHEET as
42 SEAHPG KHHh	IFNGTMPGVS hhhi SSSSSSSS	HQKYRGVRN SSSSSS	Sanlngryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	33Ss	
42 SEAHPG KHHh	IFNGTWPGVS hhhl 83533222	Hokyrgyrn Ssssss	Sanlhgryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	33Ss	SHEET as
42 SEAHPG KHHh	IFNGTMPGVS hhhi SSSSSSSS	HQKYRGVRN SSSSSS	Sanlngryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	33Ss	SHEET SS
42 SEAHPG KHHh	IFNGTMPGVS hhhi SSSSSSSS	HQKYRGVRN SSSSSS	Sanlngryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	SSSS TTTTTTT	SHEET SS TURN III COIL
42 SEAHPG KHHh	IFNGTMPGVS hhhi SSSSSSSS	HQKYRGVRN SSSSSS	Sanlngryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	TTTTTT	SHEET SS TURN III COIL
42 SEAHPG KHHh	IFNGTMPGVS hhhi SSSSSSSS	HQKYRGVRN SSSSSS	Sanlngryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	SSSS TTTTTTT 430 SFKEAROMIRE	SHEET 89: TURN TIT COIL
42 SEAHPG KHHh	IFNGTMPGVS hhhi SSSSSSSS	HQKYRGVRN SSSSSS	Sanlngryy h	YYSSGWFDA(hhhhi Ss 283:	DRYPSGNCGI	SSSS TTTTTTT 430 SFKEAROMIRE hbininhhh	SHEET SS. TURN TTT COIL YRS

<u>8/24</u>

			_	_				
	MOUSEPRO. DNA		1 500000000	-		0 4	0 50	
	HUMANPRO. DNA		1 TACCOMMOS	A TATCATGGG	A TG-GAATGA	G AAGGGA-AA	G TAGGAGCCCG	50
			1 INGGGIIGG				A TACAGTCATG	50
	MOUSEPRO. DNA	5	-		8 0			
	HUMANPRO. DNA	5	1 GAAGTGTAA	ANGACAA	G GCATAAGGC	G TGTCTGACA	A ATTCTTCATA	100
		•	11:			_	A GGATTTGGC-	100
	MOUSEPRO. DNA	10		•		0 14	150	
	HUMANPRO. DNA	10	TA-BABTER	CCCTTTGCA	CATTCAGTCT	G TATAGGTTA	TTCTATAGGA	150
		10.	160			_	A GGTTAAAGAC	150
	MOUSEPRO. DNA	151		• • •		0 190	200	
	HUMAN PRO. DNA	151	ATABATATCE	CATACCOTA	CTTGTGCAC	r G-GTAACAG	CATGAAGGCT	200
			210				ATAAAACATT	200
	MOUSEPRO. DNA	201				240	250	
424	HUMANPRO. DNA	201	DODALINGONO.	MAIACGIGT	ATGTCCAGTT	GGAGACAGTO	CCAGGGCCAA	250
Ū			260		A-GTCATTT			250
Æ	MOUSEPRO. DNA	251					300	
	HUMANPRO. DNA	251	CALICCAGAC	TTCTCAGATA	GAAAGTGCGC	CTGCCTGCCC	-TGCTCTGAG	300
		-31	310	TTTTTAAACA	AGAAATCTTA			300
	MOUSEPRO. DNA	301				340	350	
- A	HUMAN PRO. DNA	301	WAIIIGWW	GAGAGTAGTT	CAGTTA	GAATTAAGAG	GCAGTAGAGA	350
i.		301	360	GGAGGTGGTT	TCTCTAACTG		TCTTTCCTGC	350
أية	MOUSEPRO. DNA	351		370		390	400	
Bj	HUMAN PRO. DNA	351	CTTC COCTO	GGGAAATCTG	GTTAGAGA	TATAAATATG	AGAACTGGAC	400
-6		331	AIA	TGAAGAGAAA	GTTAGAAAAC	TATTATCATT	AATGCTACAT	400
·-A	MOUSEPRO. DNA	401	410	420		440	450	
ļ.£	HUMAN PRO. DNA	401	AIGGIGGIAC	ACACCTGTGA	TCTCTGTGTT	TAGGAGGGAG	AGGCAGAGAG	450
j		401	GITTIGA-AC	AAGCTGATAT	ACCAAGTGGC	CCAGAGAGC-	AGGTAGAAGA	450
D	MOUSEPRO. DNA	451	460	470	480	490	500	
Ď	HUMANPRO. DNA	451	ATCAGGAGTT	CAAGGCCAGC	CTGAGCTACT	TGAGACCCAG	TCTAAATAAA	500
`` * #		431	510	TGGAGACAGA	AAGCAA	-GAGGCCC-G	CCTGCCAGGG	500
	MOUSEPRO. DNA	501		520	530	540	550	
	HUMANPRO. DNA	501	CTACCTCCAC	ATTACAGAGT	GCCTTTAACT	AGTACAGAGA	Aagaatttgg	550
		301	560	AA-AGAAAGG	GCAAAGATGC	TGTAGGCAAG	AGAAGTTCAG	550
	MOUSE PRO. DNA	551		570	580	590	600	
	HUMAN PRO. DNA	551	GACAGACACT	GICAGITACG	CTGAAATAAT	TTTTAAGTAA	TAAAATCCCT	600
		331	610	GGCATA-G	CTCAAA-GAT	TCACATTTGA	GCAGC	600
	MOUSEPRO. DNA	601		620	630	640	650	•
	HUMAN PRO . DNA	601	TETECARCAN	AACCITATGA	G-GTCAGTAT	GCACAATGAA	CTTAAGAGAG	650
		001	660		TTACCAAAAT	GT-CGAAGGG	CAAAGGAG	650
	MOUSE PRO. DNA	651		670	680	690	700	
	HUMAN PRO. DNA	651	GCACCT	ACTICAGETGA	GTGATGGGGA	AGGACAGCCA	CTGCCTGTGA	700
		001	710	ACIGGITT	-TGATGA		TGTCCTTT	700
	MOUSEPRO. DNA	701		720	730	740	750	
	HUMAN PRO. DNA	701	TAAATCCCTC	ACGIGCTICC	AAGTGTTTTA	ACCACTGACG	ATTACATAGC	750
		, 01	760	TTAGACATTT	AGACATTTAT		ATGCTACGGA	750
	MOUSE PRO. DNA	751		770	780	790	800	
	HUMANPRO. DNA	751	CABACCART.	ACA A ACERACA	AGCCGTATTC	TCTGCCAGTT	CTCTTCCCTT	800
		.51	810		A-CTTTTTC		TTCTTCTCTT	800
	MOUSEPRO.DNA	801 '		820	830	840	850	
	HUMAN PRO . DNA	801	TTTCAACTAC	TENNEAGACA	CACACAGAGA	ATCCATTTAA /	AGAGCGGACC	850
			860	AAAJUMMULA	AGT-CAACTG			850
			8 6 6 6	870	880	890	900	

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FIGURE 8 cont'd

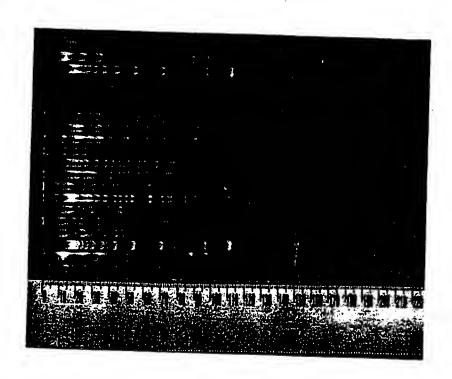
	MOUSEPRO. DNA	85	1 TTTGTTCTG	A TTAGGGGCA	ል ጥጥጥተልልሮሞአ	C 77711 C1 C77	C ACACAAAGTC	
	Humanpro. Dna	85	1 TTTGTTACA	C TTAGAAACT	T CTABABACTC	C TTARGAGTI	C ACACAAAGTC C ACCTGAAAGT	900
			91	0 92	93		_	900
	MOUSEPRO.DNA	90:	1 TAGCCTTCA			0 _ 94	950 GGGAGGAAA	
	HUMANPRO.DNA	90:	1 CCAACAT-G	A AGAAAATAC	A GECTECECA	y accessan	GGGAGGAAA C TAAGAAGAAA	950
			96	97(98		_	950
	MOUSEPRO.DNA	951	CAGAATCAT			99	0 1000 A GCTCACAGAC	
	HUMANPRO.DNA	951	AAGGACCATT	TTCATTTTA	TAACCTTTC	- GIGGGAAGA	A GCTCACAGAC A CAGTTTGGAT	1000
			1010	1020	1030		_	1000
	MOUSE PRO. DNA	1001				104	1050 ACCAAGT-AT	
	HUMANPRO.DNA	1001	AACTAGCTCT	TACTTTTTAT	CTTTTARARA	7G(ACCAAGT-AT GTGAAGTTAC	1050
			1060	1070				1050
Ē	MOUSEPRO.DNA	1051				1090	1100	
	HUMANPRO.DNA	1051	GTATAATTAT	TENTITIEGG	CACTGGTATT	ACAA-CIGIT	TTTTAAACAA	1100
F			1110	IIACIICAAG			TTAGAAATGC	1100
F 10	MOUSE PRO . DNA	1101				1140	1150	
	HUMANPRO. DNA	1101	AAGACTITCC	TTGTGCTTTA	CTAAAAAC-C	CA-GACGGT	AATCTTGAAT	1150
-L			1160	TTATACTTCA	TAAAATACAT	TATGAAAGTG	AATCTTGAAT	1150
:	MOUSEPRO. DNA	1151		1170	1180	1190	1200	
J.	HUMANPRO. DNA	1151	TCCCTCTCTC	GCACCCACGG	CAGGCATTCT	ATTGTGCATA	1200 GTTTTGACTG	1200
ē1		1131	IGGCIGIGIA	CATTTGACTA	TAATAATTTC	AATGCATATT	ATTTCTATTG	1200
i mili	MOUSEPRO. DNA	1201	1210	1220	1230	1240	1250	
	HUMANPRO. DNA	1201	ACAGGAGATG	ACAGCATTTG	GCTGGCTGCG	CTTGCTGAGG	ACCCTCTCCT	1250
-4		1201	AGAGTAAGTT	ACAGTTTTTG	GCAAACTGCG	TTTGATGAGG	GCTATCTCCT	1250
	MOUSEPRO.DNA		1260	1270	1280	1200		
	HUMANPRO. DNA	1251	CCTG-TGTG-	GCGTCTGAGA	CT-GTGATGC	AAATGCGCCC	GCCCTTTTCT	1300
	THE ROLDING	1251	CITCCIGIGC	GTTTCTAAAA	CTTGTGATGC	AAACGCTCCC	ACCCTTTCCT	1300
	MOUSEPRO. DNA		1310	1320	1330	1240		1300
	HUMANPRO. DNA	1301	GGGAACTCAG	AACGCCTGAG	TCAGGCGGCG	GTGGCTATTA	11000	1350
		1301	GGGAACACAG	AAAGCCTGAC	TCAGGCCATG	GCCGCTATTA	AAGCAGCTCC	1350
	MOUSEPRO. DNA		1200	1370	1380	1390	1400	1320
	HUMANPRO. DNA	1351	CCTGGTC	AGGCT	GGGCT-GCCG	CACTGCAAGG	Amc	1400
		1351	AGCCCTGCGC	ACTCCCTGCT	GGGTGAGCAG	CACTGTAAAG	ATG	3400

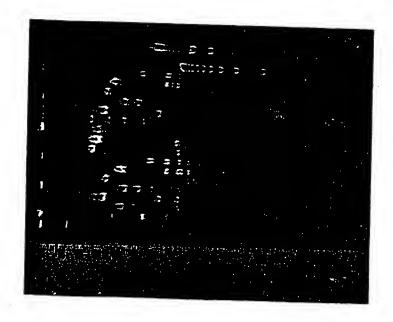
		JOKE 9		
10		30	40	50
TAGGGTTGGA	AGCCAGGTCTC	CTGAGTATG	CGAGAATAAAT	CACAGTCATG
60	70	80	9.0	1.00
GAAGTGTAAA	GAGTCTGCCAA	CATTTTGAG.	AATGTGAATAC	GATTTGGCT
110	120	130	140	150
AAAATTAAGG	GGATATACAGA	AAAGTCATA	GGAAATCAGGI	77.3.4.6.4.T
	TC	F1 P	EA3	
	170	180	190	200
AAATATGAGAT	[AGGCTACAGA	GTGTTTTAA	<u>STAAT</u> ACAAT <i>A</i>	AAACATTTA
GAT	TA1	NF :	IL6	
210	220	230	240	250
GATTTTTGCCC	CATGTCAGTCA	ITTTGAAAT NF IL6	CAATTTTTAA	CAAAAAAAC
260	270	280	290	200
CCTTTTTAAAC	AAGAAATCTT	OOZ Mantanaana	ህር 2 1 ደ ደ ጋር ግር የመጀመሪ እና	300
310	320	330	340	350
AAGGAGGTGG'	TTTCTCTAACT	GAAGCTGTT	CCTCTTTCCT	SCCTTCAGCC
TCF1				
360	370	380	390	400
TCTGAAGAGA	AAGTTAGAAAA	CTATTATCA	TTAATGCTAC	A A STETTTEAN
		NF_E1		HIOIIIIGH
410	420	430	440	450
CAAGCTGATA'	TAC <u>CAAGTG</u> GC	CCAGAGAGC	AGGTAGA AGA:	UCF COTCOSAOA
	DHLH		ncoingrach,	ACCAGCG 1GG
460		480	490	500
	CAAGAGGCCCG		ひくま ここでおここでここと	200
		ocrockog	NE .	JAAAUAAAGG FT 2
510	520	E30	ME .	TL6 550
GCAAAGATGC	TGTAGGCAAGA	CA ACTTCA C	040 27010101010	550
TCF1	HORROCARGA	GHAGIICAG	SACAGACAC I (SGCA I AGCIL
-	570	Ε00	500	
	• • •		J / U	600
:AAAGATTCACA TCF1			I GACAGTACAA	TTACCAAAA
ICFI				
(10	E2A			
610	620			650
1 G 1 C G A A G G G G	CAAAGGAGGCA	GCTACTGGT		ACAATTATG
***	TCF1		NF IL6	
660		680		700
ICCITTTAAA	rgggtcttaga			CTATGCTAC
710	720			750
TCF1	ATAGAAAGTAG	CACTTTTTT	CTCCACTAGT	TTCTTCTCT
760	770	780	200	
		\UD \\ \UD \\\ \UD \\ \UD \\\ \UD \\ \UD \\\ \UD \\\\ \UD \\\ \UD \\\\ \UD \\\ \UD \\\ \UD \\\ \UD \\\\ \UD \\	790	800
····CARGIA	GATGAAGCAAA TOT		CAAIAGICAG	AAGCTGTAC
S	SUBSTITUTE S		7 26)	-
•		MEET (KULI	20)	

FIGURE 9 CONT'D

810	820	830	840	850.
TTTGTTACAC	TTAGAAACTT	CTAAAAGTGC	TTAAGATTTC	ACCTGA A ACC
		TCF1		bhlh
860	870	880		
CCAACATGAA	GAAAATACAG	ひひひ かん 人つつつてつら	ひて D かってで A でこつこう	900
910	920	930	GCCCCA11C1	
	72. TOATTTACT	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	940	950
ÀGGACCATTT	970	WACGITICIE		AGTTTGGATA
		980	990	1000
ACTAGCTCTTA	CITITALC	ITTAAAAAACT(GTTTTTCCAG	TGAAGTTACG
1010	1020	1030	1040	1050
TATAATTATT	TACTTCAAGC	GTAGTATACC	AAATTACTTT	AGAAATGCAA
			N	
1060	1070	1080	1090	1100
GACTTTTCTTA	TACTTCATA	AAATACATTAT	TG&&>G&&°	110U
		NE	IL6	ictigiteer
1110	1120			
	ידג גדגדראבר) מדג גדגדרן	113U 2277721277	1140	1150
TGTGT <u>ACATTT</u> bhlh	; 75u ~ I H I H H I I	HATTICAATGO	ATATTATTTC	TATTGAGAG
1160				
	1170	1180	1190	1200
TAAGTTACAGT	IIIIGGCAAA	LCTGCGTTTGA	TGAGGGCTAT	CTCCTCTTC
1410	1220	1230	1240	1250
CTGTGCGTTTC	TAAAACTT <u>GT</u>	GATGCAAACG	CTCCCACCCT	TTCCTGGGA
		AABS		- 1 4 4 1 0 0 0 M
1260	1270	1280	1290	1300
ACACAGAAACG	CTGACTCAGG	CACGTGCCGC	TATTAAACCA	CCTCC LCCC
+1	AP 1	bhlh T	ATA box	GCICCAGCC
1310	1320	1330:	WIN DOX	
CTGCGCACTCC		:0001 ごひこんごうんごうん:	T11101T0	
		HOCHOCHCIC	TAAAGATG	

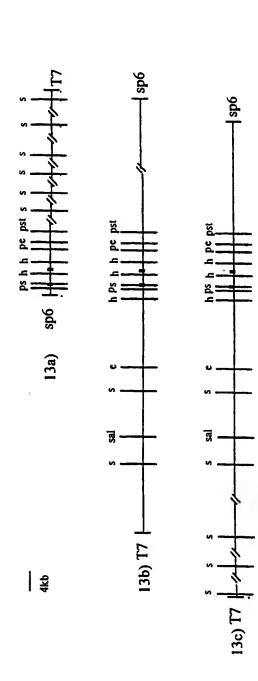
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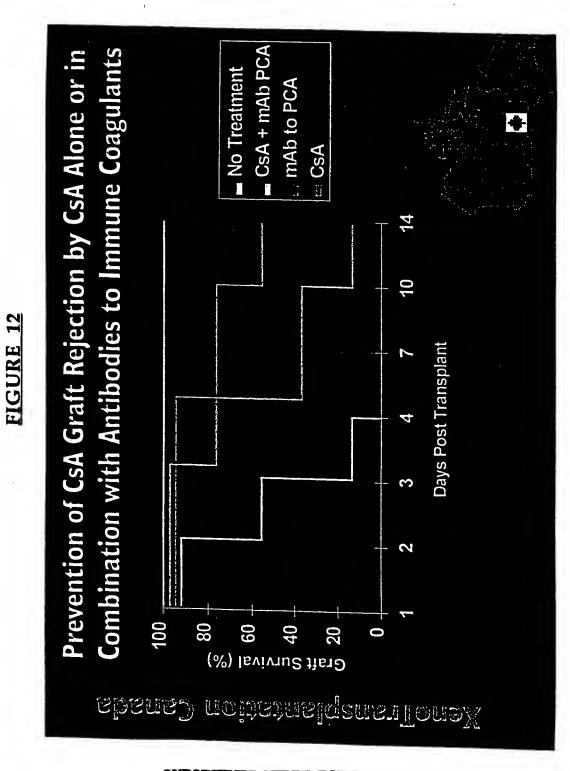
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FIGURE 11

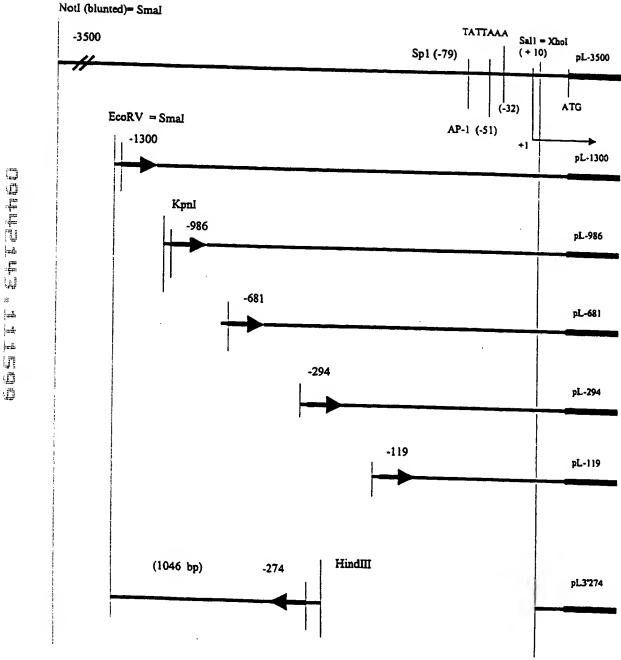


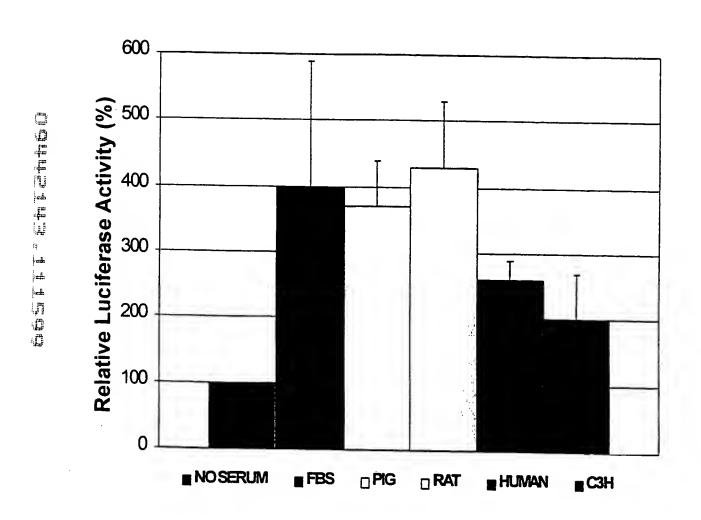
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15/24 FIGURE 13





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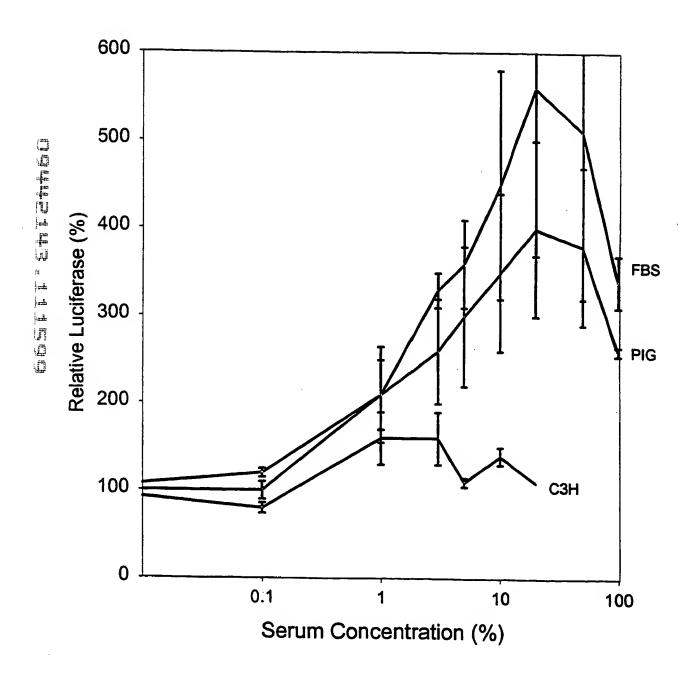


FIGURE 16

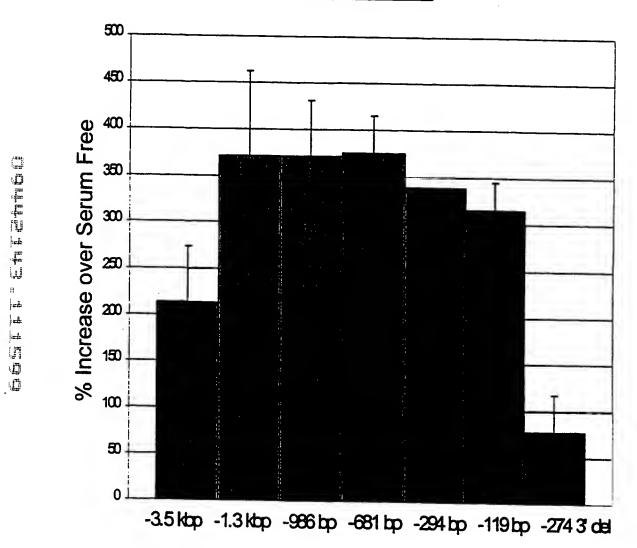


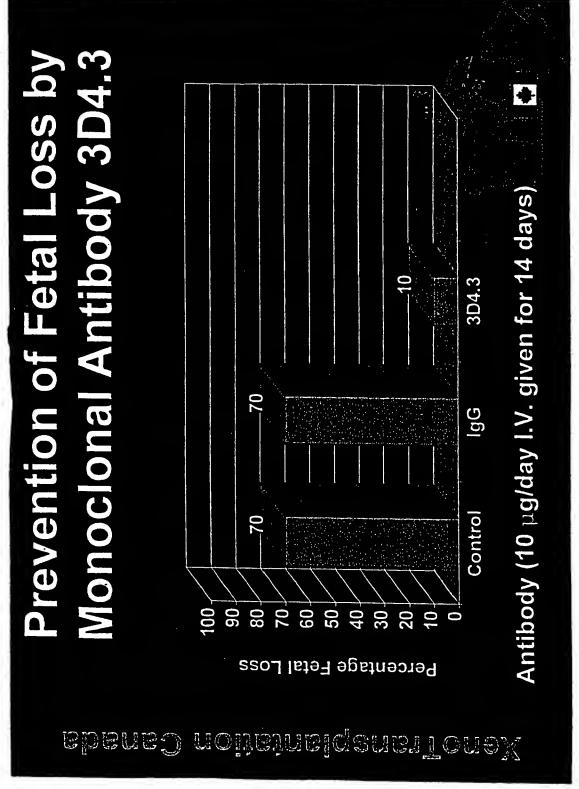
FIGURE 17

5'-- CCAAGTATAT AATATGGTAT CTTTTGGGCA CTGGTATTAC AACTGTTTTT -270
TAAACAAAAG ACTTTCCTTG TGCTTTACTA AAAACCCAGA CGGTGAATCT -220
TGAATACAAT GCGTGGCACC CACGGCAGGC ATTCTATTGT GCATAGTTTT -170
GACTGACAGG AGATGACAGC ATTTGGCTGC GTGCGCTTGC TGAGGACCCT -120
CTCCTCCTGT GTGGCGTCTG AGACTGTGAT GCAAATGCGC CCGCCCTTTT -70
CTGGGAACTC AGAANGCCTG AGTCAGGCGG CGGTGGCTAT TAAAGCGCCT -20
GGTCAGGCTG GGCTGCCGCA CTCCAAGG-3'

+1

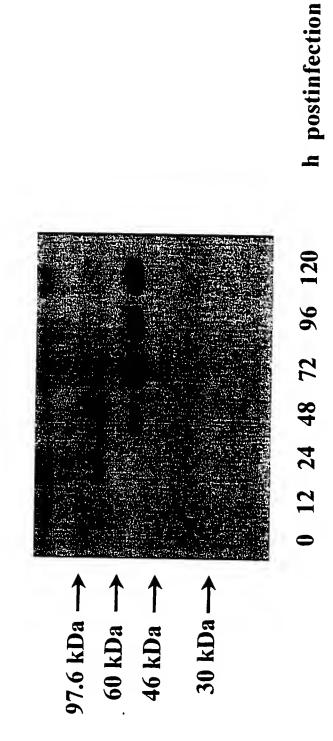
FIGURE

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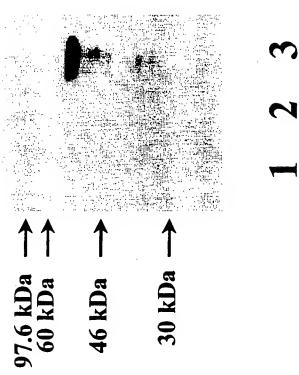
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H5 + wild type virus H5 + recombinant virus The lanes are: 1. H5cells



The lanes are:
1. H5cells
2. H5 + wild type virus
3. H5 + recombinant virus

97.6 kDa → 60 kDa → 46 kDa →

The lanes are:

1. ¹²⁵I-Prothrombin (PT)

PT +RVV + Factor X
PT +H5
PT + H5-RV
PT + purified protein (3 μg)

60 kDa → 46 kDa → 30 kDa →

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97.6 kDa